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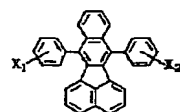
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(71)Applicant : MITSUI CHEMICALS INC
 (72)Inventor : NAKATSUKA MASAKATSU
 KITAMOTO NORIKO

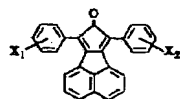
(54) BENZO[k]FLUORANTHENE DERIVATIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject new compound useful as an organic electronic device material.
 SOLUTION: This new compound is shown by formula I [X1 and X2 are each H, a halogen, alkyl, alkoxy or (substituted) aryl, being not H at the same time], e.g. 7,12-di(3'-methylphenyl)benzo[k]fluoranthene. The compound of formula I is obtained, for example, by reaction between a cyclopenta [a] acenaphthylen-8-one derivative and benzyne of formula III followed by conducting a carbon monoxide elimination from the reaction product; wherein the above reaction is normally carried out while allowing isoamyl nitrite or the like to act on an anthranilic acid derivative as the precursor of a benzyne derivative in the presence of an appropriate organic solvent.



I



II



III

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